

Date: Wed, 8 Dec 93 04:30:28 PST
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #126
To: Ham-Homebrew

Ham-Homebrew Digest Wed, 8 Dec 93 Volume 93 : Issue 126

Today's Topics:

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(none)
interference problem?
Kenwood HT Batteries - homebrew charger
MORE POWER PLEASE
your LISTSERV request "list ham-homebrew"
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Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 7 Dec 93 17:19:17 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: ham-homebrew@ucsd.edu

Re: WX decoder?

I'm looking for info on a simple decoder for Weather Teletype. The local skywarn group apparently echos the satellite transmissions on 2M. I would like to build a simple decoder for the HT to feed my pc serial port. I heard the data format was one of the old 300 baud modem formats. Can anyone fill me in on the details?

Thanks in advance...

N9TSI

michaelbl@ecs.comm.mot.com

Date: Mon, 6 Dec 1993 03:27:35 GMT

From: agate!howland.reston.ans.net!newsserver.jvnc.net!netnews.upenn.edu!
netnews.noc.drexel.edu!dunx1.ocs.drexel.edu!dunx1!st92ba44@ames.arpa
Subject: interference problem?
To: ham-homebrew@ucsd.edu

Hello again,

(I'm the guy who started the sw-coils thread). A rather kind individual from around my way sent me the coil a few days after that posting. I put my radio together and it worked great (relatively). However, in moving it to a more permanent state (a small metal project box I picked up at my local radio shack) something has managed to foul things up. The other night, after finishing the radio, I hooked it up to a 12V power supply and wired the antenna post to a large iron beam that supports my back porch (I don't have a shortwave antenna yet...I was just curious). The thing picked up some sort of french canadian news show (they were speaking french and I heard the word "canada" in it...it was around 8-9pm). At this point I have a giant smile on my face--my first radio is complete!

This morning I picked up the box at radio shack and put my board in it. (Here's the problem) I went out and wired the thing EXACTLY the same....nothing. I couldn't pick up a thing; not even the french/canadian station. Needless to say I'm rather depressed. So, before I pull the thing apart and hunt the problem down, I'm wondering if it isn't the box. It is entirely metal. All of my wires (headphone jack, volume control and tuner) cross the top of the circuit board (they didn't last night). Everything is a little closer together. Now I realize I don't have the best of antenna's; but is that the reason why its not getting anything? Shouldn't I *still* get that french show? Basically, am I getting internal interference?

Any help would be *much* appreciated. Thanks for reading the whole thing. :)

antonio gatta
st92ba44@dunx1.ocs.drexel.edu

Date: 7 Dec 1993 11:53:53 -0600
From: sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!col.hp.com!csn!magnus.acs.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!pipex!bnr.co.uk!corpgate!crchh327.bnr.ca!kharker@..
Subject: Kenwood HT Batteries - homebrew charger
To: ham-homebrew@ucsd.edu

In article <35923@dog.ee.lbl.gov>, biocca@csg.lbl.gov (Alan K Biocca) writes:

|> I'm considering building a charger for the TH-78a batteries. There
|> appears to be some circuitry between the bottom charge connection
|> and the battery - perhaps a diode or thermistor. Has someone already
|> figured out what it is?

My guess is that it is a diode to prevent external shorts of the battery.
There was an article in a local ham club newsletter not too long ago warning
about the battery packs that come with the Alinco DJ-580T and DJ-180T. It
seems that these Alinco packs are not diode-protected, and the son of the
article's author accidentally got both of the terminals of the pack touching
the spiral of his notebook while they were lying on his bed. Well, the battery
discharged, setting his notebook on fire, and generally causing alarm. The
author is convinced that had his son not been in the room when it happened,
that the damage from the fire would have been a lot worse.

Perhaps when I go home tonight, I'll dig the article up and reprint it here.

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Kenneth E. Harker          BNR          "Any opinions expressed
kharker@bnr.ca            Richardson, Texas, USA    are solely mine and do
N1PVB                     (214) 684-5115    not represent BNR"
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Date: 6 Dec 93 14:13:17 GMT
From: ftpbox!mothost!delphinium.rtsg.mot.com!mustang18!thweatt@uunet.uu.net
Subject: MORE POWER PLEASE
To: ham-homebrew@ucsd.edu

I was reviewing an article this weekend which explained how to make
a simple FM transmitter. The circuit took the signal from a mic and
amplified it using an op-amp which would then be sent to a tank circuit.
The output of the tank circuit would then go out to the antenna.

The question is: How would you increase the transmitting power and how
would you control the output power? The frequency of this transmitter was
between 90 to 120 MHz. What would you need to do differently if the freq.
increased or decreased? I would like to see other, maybe better ways to
design FM, AM, SSB transmitters, by first guess is the ARRL handbook is the
best place to start.

Thanks,
John Thweatt

Date: 7 Dec 93 18:44:41 GMT

From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "list ham-homebrew"
To: ham-homebrew@ucsd.edu

Per request by qychen@biology.utah.edu
"list ham-homebrew"
'ham-homebrew' is not subscribed to any mailing lists.

End of Ham-Homebrew Digest V93 #126
